



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/872,269	05/31/2001	Yasushi Kajiwara	06788/002004/EN8201DIII-U	6409

20985 7590 01/15/2003  
FISH & RICHARDSON, PC  
4350 LA JOLLA VILLAGE DRIVE  
SUITE 500  
SAN DIEGO, CA 92122

EXAMINER

VU, HIEN D

ART UNIT PAPER NUMBER

2833

DATE MAILED: 01/15/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/872,269

Applicant(s)

KAJIWARA, YASUSHI

Examiner

Hien D. Vu

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE \_\_\_\_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 27-34 is/are pending in the application.
- 4a) Of the above claim(s) 1-26 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 27-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☒ Certified copies of the priority documents have been received in Application No. 08/330,089.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

Art Unit: 2833

1. Applicant's election without traverse of species 11, Figs. 69-77, claims 27-34 in paper No. 5 is acknowledged.

2. Claims 27-34 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 27, line 5, it is unclear what "a loaded electrical connector" is referring to; lines 3-7, the features "portion is ... and said spring portion" are confusing and unclear as to what part of the connector has features such as a spring portion, a contact portion, an external connecting terminal and an engagement portion, also it is unclear what the structural relationship between those features, the base plate and the pins are; line 9-10, the feature "given a ... a spring member" is unclear as to how the spring member can provide a rotation force; line 1-3 "the engagement portions" of the pins lack an antecedent basis; line 15-16, it is unclear whether the contact pin has one or more than one engagement projection; lines 18-24, the features "whereby said actuation... other engagement" are not understood. Claim 28, lines 3-5, the features "and eth ... component" are confusing. Claim 30, line 1, "claim 28" appears to be --claim 29--; lines 3-4, it is unclear what position of the connector is referred as "a loading position". Claim 34, lines 2-4, the features "it can ... said arm" are confusing.

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

Art Unit: 2833

4. (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
5. Claims 27-29 and 31-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Savant.

Insofar as the claims can be understood due to the indefiniteness above, the disclosure of Savant shows each and every element set forth in the claims. For example: Figs. 1-4 show a plurality of contact pins (55-57), a base a plate 22, a spring member 60, a contact portion 64, an external terminal (55a, 56a, 57a), an engagement portion 62, an actuation shaft member 30, an arm 47 and engagement portions 50.

As to claim 29, an extension portion 56c.

As to claim 31, a first spring portion (not labeled) including the engagement portion 62 and a second spring portion 60.

As to claim 32, ribs 52.

As to claim 33, a means of suppressing 18.

As to claim 34, a cover member 10.

6. Claim 30 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
7. Kishi et al, Espenshade et al (866), Espenshade et al (192), Tohyama et al and Matsuoka are cited for disclosure of chip carrier sockets.

Application/Control Number: 09/872,269

Page 4

Art Unit: 2833

8. Any inquiry concerning this communication should be directed to Hien Vu at telephone number (703) 308-2009.

H. Vu/mm

12/31/02

*Hien Vu*  
12/31/02